

**Company Information**

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✓ 1 STAR - 5/10/08 RL

✓ Access - 5/19/08 RL

QA/QC - 6/10/08 DF

Company Information Updated: No

**Activities Reported**

BMP1: No BMP2: No BMP3: Yes

Total Methane Emission Reductions Reported This Year: 1,555,966

Previous Years' Activities Reported: No

**Period Covered by Report**

From: **01/01/2007**

To: **12/31/2007**

**Additional Comments**

BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

✓ South Texas

B. Description of PRO

Please specify the technology or practice that was implemented:

Condition Monitoring and Optimization ? → "Improve system design/operation"

Please describe how your company implemented this PRO:

The Condition Monitoring and Optimization group identified weaknesses in processes and equipment to prevent failure and increase productivity.

C. Level of Implementation

D. Methane Emissions Reduction

Methane Emissions Reduction: 504,774 Mcf/year ✓

Basis for the emissions reduction estimate: Other ✓

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

✓ ✓ One-year

Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 3,533,418 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

South Texas - Lincoln

**B. Description of PRO**

Please specify the technology or practice that was implemented:

**DI&M: survey and repair leaks** ✓

Please describe how your company implemented this PRO:

**Utilized FLIR technology to identify and repair leaks through aerial inspections.** ✓

**C. Level of Implementation**

**D. Methane Emissions Reduction**

Methane Emissions Reduction: **337 Mcf/year** ✓

Basis for the emissions reduction estimate: **Other** ✓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ One-year      Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 2,359 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

South Texas - Big Cowboy

**B. Description of PRO**

Please specify the technology or practice that was implemented:

**DI&M: survey and repair leaks**

Please describe how your company implemented this PRO:

Utilized FLIR technology to identify and repair leaks through aerial inspections. }

**C. Level of Implementation**

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 3,456 Mcf/year ✓

Basis for the emissions reduction estimate: Other ✓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

↓ ✓ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 24,192 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

South Texas - Hirsch

**B. Description of PRO**

Please specify the technology or practice that was implemented:

**DI&M: survey and repair leaks**

Please describe how your company implemented this PRO:

**Utilized FLIR technology to identify and repair leaks through aerial inspections.** ↓

**C. Level of Implementation**

**D. Methane Emissions Reduction**

Methane Emissions Reduction: **3,780 Mcf/year** ↓

Basis for the emissions reduction estimate: **Other** ↓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

↓ ✓ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.



## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 26,460 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

South Texas-VaquillasA29

**B. Description of PRO**

Please specify the technology or practice that was implemented:

DI&M: survey and repair leaks

Please describe how your company implemented this PRO:

Utilized FLIR technology to identify and repair leaks through ground inspections. ↓

**C. Level of Implementation**

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 7,200 Mcf/year ↓

Basis for the emissions reduction estimate: Other ↓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 50,400 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

BMP3: Partner Reported Opportunities (PROs)

**Current Year Activities**

**A. Facility/location identifier information:**

South Texas-VaquillasLTD8

**B. Description of PRO**

Please specify the technology or practice that was implemented:

**DI&M: survey and repair leaks**

Please describe how your company implemented this PRO:

Utilized FLIR technology to identify and repair leaks through ground inspections. ✓

**C. Level of Implementation**

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 18 Mcf/year ✓

Basis for the emissions reduction estimate: Other ✓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 123 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

BMP3: Partner Reported Opportunities (PROs)

Current Year Activities

A. Facility/location identifier information:

San Juan Business Unit

B. Description of PRO

Please specify the technology or practice that was implemented:

Green completions → *"Improve System Design/operation"* *"Perform Reduced Emissions Completions"*  
Please describe how your company implemented this PRO:  
Pilot Study to employeeed green completion setup to recover gas that would have been vented. ✓

C. Level of Implementation

Number of units installed: 4 units ✓

D. Methane Emissions Reduction

Methane Emissions Reduction: 11,479 Mcf/year ✓

Basis for the emissions reduction estimate: Other ✓

E. Are these emissions reductions a one-year reduction or a multi-year reduction?

✓ One-year Multi-year

If Multi-year:

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ 74,000 ✓

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 87,091 ✓

\$ / Mcf used: \$ 7.59

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

ALATEX Asset

**B. Description of PRO**

Please specify the technology or practice that was implemented:

Green completions → "Performed reduced emissions completions"

Please describe how your company implemented this PRO:

Gas recovery from well completion and workover operations. ✓

**C. Level of Implementation**

Number of units installed: 60 units ✓

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 198,900 Mcf/year ✓

Basis for the emissions reduction estimate: Other ✓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.



**F. Cost Summary**

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_ ✓

**G. Total Value of Gas Saved**

Value of Gas Saved: \$ 1,392,300 ✓

\$ / Mcf used: \$ 7.00

**H. Planned Future Activities**

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

**Previous Years' Activities**

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

**Additional Comments**

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

South Texas ✓

**B. Description of PRO**

Please specify the technology or practice that was implemented:

✓ **Install Electric Blowers**

Please describe how your company implemented this PRO:

✓ **Installed electric blowers in lieu of natural gas actuated blowers.**

**C. Level of Implementation**

✓ **Frequency of activity or practice: 10 times/year**

**D. Methane Emissions Reduction**

**Methane Emissions Reduction: 109,500 Mcf/year ✓**

**Basis for the emissions reduction estimate: Other ✓**

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ ✓ **One-year**

**Multi-year**

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 766,500 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

Barnett Shale

**B. Description of PRO**

Please specify the technology or practice that was implemented:

Install Snap Actuators → "Install No Bleed Controllers"

Please describe how your company implemented this PRO:

Installed snap acting controllers in place of slow bleed controllers. ✓

**C. Level of Implementation**

Frequency of activity or practice: 443 times/year ✓

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 64,678 Mcf/year ✓

Basis for the emissions reduction estimate: Other ✓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ ✓ One-year                      Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ 354,400 ✓

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 452,746 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

Panhandle/Anadarko

**B. Description of PRO**

Please specify the technology or practice that was implemented:

Install Solar Powered Chemical Pumps

Please describe how your company implemented this PRO:

Replaced gas operated chemical pumps with solar powered chemical pumps.

**C. Level of Implementation**

Frequency of activity or practice: 21 times/year

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 5,461 Mcf/year

Basis for the emissions reduction estimate: Other

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ 37,800 ✓

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 35,497 ✓

\$ / Mcf used: \$ 6.50

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (S)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

Barnett Shale

**B. Description of PRO**

Please specify the technology or practice that was implemented:

**Install Solar Powered Chemical Pumps** ✓

Please describe how your company implemented this PRO:

**Replaced gas operated chemical pumps with solar powered chemical pumps.** ✓

**C. Level of Implementation**

Frequency of activity or practice: **100 times/year** ✓

**D. Methane Emissions Reduction**

Methane Emissions Reduction: **8,669 Mcf/year** ✓

Basis for the emissions reduction estimate: **Other**

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ One-year      Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.



## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ 180,000 ✓

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 56,349 ✓

\$ / Mcf used: \$ 6.50

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

ALATEX Asset

**B. Description of PRO**

Please specify the technology or practice that was implemented:

Install Solar Powered Chemical Pumps ↓

Please describe how your company implemented this PRO:

Install solar powered chemical injection pumps in lieu of pneumatic pumps. ↓

**C. Level of Implementation**

Frequency of activity or practice: 109 times/year ↓

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 59,678 Mcf/year ↓

Basis for the emissions reduction estimate: Other

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

↓ ✓ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 417,746 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

5461  
8669 > Silen  
59678  

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73,808  
596 - collectin

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

South Texas

**B. Description of PRO**

Please specify the technology or practice that was implemented:

Installing plunger lift systems at gas wells (10 years) ✓

Please describe how your company implemented this PRO:

Install plunger lifts to lift fluids from gas wells ✓

**C. Level of Implementation**

Number of units installed: 349 units ✓

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 145 Mcf/year ✓

Basis for the emissions reduction estimate: Other ✓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

One-year      ✓ ✓ Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

✓ Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 1,013 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

BMP3: Partner Reported Opportunities (PROs)

**Current Year Activities**

**A. Facility/location identifier information:**

Panhandle/Anadarko

**B. Description of PRO**

Please specify the technology or practice that was implemented:

Installing plunger lift systems at gas wells (10 years) ✓

Please describe how your company implemented this PRO:

Install plunger lifts.

**C. Level of Implementation**

Number of units installed: 176 units ✓

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 413,684 Mcf/year ✓

Basis for the emissions reduction estimate: \_\_\_\_\_

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

One-year

✓ Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

✓ Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ 1,513,600 ✓

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 2,688,946 ✓

\$ / Mcf used: \$ 6.50

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

Barnett Shale

**B. Description of PRO**

Please specify the technology or practice that was implemented:

Installing plunger lift systems at gas wells (10 years) ✓

Please describe how your company implemented this PRO:

Install plunger lifts on wells.

**C. Level of Implementation**

Number of units installed: 300 units ✓

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 147,127 Mcf/year ✓

Basis for the emissions reduction estimate: \_\_\_\_\_

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

One-year

✓ Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

✓ Partner will report this activity annually up to allowed sunset date.



## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ 2,700,000 ✓

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 956,326 ✓

\$ / Mcf used: \$ 6.50

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

✓ Bay St. Elaine

**B. Description of PRO**

Please specify the technology or practice that was implemented:

✓ Replace Pneumatic Pumps → "Convert gas-driven chemical pumps to electric"

Please describe how your company implemented this PRO:

✓ Replaced pneumatic pumps with electric motor driven pumps.

**C. Level of Implementation**

Frequency of activity or practice: 5 times/year ✓

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 596 Mcf/year ✓

Basis for the emissions reduction estimate: Other ✓

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

✓ ✓ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ \_\_\_\_\_

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 4,170 ✓

\$ / Mcf used: \$ 7.00

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

Additional Comments

**BMP3: Partner Reported Opportunities (PROs)**

**Current Year Activities**

**A. Facility/location identifier information:**

☒ Panhandle/Anadarko

**B. Description of PRO**

Please specify the technology or practice that was implemented:

☒ Temperature Controlled Methanol Pumps → "Install Controllers on Gas-Assisted Methanol Pump"

Please describe how your company implemented this PRO:

☒ Change controls on methanol pumps to temperature controls to reduce amount of time gas pneumatic pumps run.

**C. Level of Implementation**

☒ Frequency of activity or practice: 30 times/year

**D. Methane Emissions Reduction**

Methane Emissions Reduction: 5,625 Mcf/year ☒

Basis for the emissions reduction estimate: Other ☒

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

☒ ☒ One-year

Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

## Production - Natural Gas STAR Annual Report - 2007

### F. Cost Summary

Estimated cost of implementing the PRO (including equipment and labor): \$ 15,000 ✓

### G. Total Value of Gas Saved

Value of Gas Saved: \$ 36,563 ✓

\$ / Mcf used: \$ 6.50

### H. Planned Future Activities

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

### Previous Years' Activities

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

### Additional Comments

BMP3: Partner Reported Opportunities (PROs)

**Current Year Activities**

**A. Facility/location identifier information:**

1 Barnett Shale

**B. Description of PRO**

Please specify the technology or practice that was implemented:

1 **Temperature Controlled Methanol Pumps**

Please describe how your company implemented this PRO:

1 **Change controls on methanol pumps to temperature controls to reduce amount of time gas pneumatic pumps run.**

**C. Level of Implementation**

1 Frequency of activity or practice: **85 times/year**

**D. Methane Emissions Reduction**

Methane Emissions Reduction: **10,859 Mcf/year** 1

Basis for the emissions reduction estimate: **Other** 1

**E. Are these emissions reductions a one-year reduction or a multi-year reduction?**

1 ☒ One-year      Multi-year

**If Multi-year:**

Partner will report this activity once and let EPA automatically calculate future emission reductions based on sunset date duration.

Partner will report this activity annually up to allowed sunset date.

**F. Cost Summary**

Estimated cost of implementing the PRO (including equipment and labor): \$ 42,500 ✓

**G. Total Value of Gas Saved**

Value of Gas Saved: \$ 76,013 ✓

\$ / Mcf used: \$ 7.00

**H. Planned Future Activities**

To what extent do you expect to implement this PRO next year?: \_\_\_\_\_

**Previous Years' Activities**

Year	Frequency of practice or # of Installations	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of practice/activity (including equipment and labor)

**Additional Comments**

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Additional Accomplishments